```
Connecting via Winsock to STN


Welcome to STN International!  Enter x:x

LOGINID:ssspta1649jxm

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3  May 12   EXTEND option available in structure searching
 NEWS  4  May 12   Polymer links for the POLYLINK command completed in REGISTRY
 NEWS  5  May 27   New UPM (Update Code Maximum) field for more efficient patent
                   SDIs in CAplus
 NEWS  6  May 27   CAplus super roles and document types searchable in REGISTRY
 NEWS  7  Jun 28   Additional enzyme-catalyzed reactions added to CASREACT
 NEWS  8  Jun 28   ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG,
                   and WATER from CSA now available on STN(R)
 NEWS  9  Jul 12   BEILSTEIN enhanced with new display and select options,
                   resulting in a closer connection to BABS
 NEWS 10  Jul 30   BEILSTEIN on STN workshop to be held August 24 in conjunction
                   with the 228th ACS National Meeting
 NEWS 11  AUG 02   IFIPAT/IFIUDB/IFICDB reloaded with new search and display
                   fields
 NEWS 12  AUG 02   CAplus and CA patent records enhanced with European and Japan
                   Patent Office Classifications
 NEWS 13  AUG 02   STN User Update to be held August 22 in conjunction with the
                   228th ACS National Meeting
 NEWS 14  AUG 02   The Analysis Edition of STN Express with Discover!
                   (Version 7.01 for Windows) now available
 NEWS 15  AUG 04   Pricing for the Save Answers for SciFinder Wizard within
                   STN Express with Discover! will change September 1, 2004

 NEWS EXPRESS  JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:18:24 ON 20 AUG 2004

=> file medline biosis embase caplus
```

```
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                          ENTRY     SESSION
FULL ESTIMATED COST                                        0.21        0.21

FILE 'MEDLINE' ENTERED AT 13:18:39 ON 20 AUG 2004

FILE 'BIOSIS' ENTERED AT 13:18:39 ON 20 AUG 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'EMBASE' ENTERED AT 13:18:39 ON 20 AUG 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'CAPLUS' ENTERED AT 13:18:39 ON 20 AUG 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s wilson patricia d/au
L1          198 WILSON PATRICIA D/AU

=> s burrow christopher r/au
L2           97 BURROW CHRISTOPHER R/AU

=> s method (s) screen? (s) polycystin-1
L3            4 METHOD (S) SCREEN? (S) POLYCYSTIN-1

=> dup rem l3
PROCESSING COMPLETED FOR L3
L4            4 DUP REM L3 (0 DUPLICATES REMOVED)

=> d l4 total ibib kwic

L4   ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER:         2003:851245  CAPLUS
DOCUMENT NUMBER:          139:333124
TITLE:                    PKD gene product-based screening methods for compounds
                          useful in the treatment of polycystic kidney disease
INVENTOR(S):              Wilson, Patricia D.; Burrow, Christopher R.
PATENT ASSIGNEE(S):       Mount Sinai School of Medicine of New York University,
                          USA
SOURCE:                   U.S., 33 pp., Cont.-in-part of U.S. Ser. No. 478,737.
                          CODEN: USXXAM
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   2
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
     US 6638726            B1    20031028    US 2000-689461          20001012
     WO 2001050130         A2    20010712    WO 2001-US317           20010105
     WO 2001050130         A3    20020321
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
             HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
             LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
             SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
             ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
             DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
             BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRIORITY APPLN. INFO.:                       US 2000-478737      A2 20000106
                                             US 2000-689461      A  20001012
REFERENCE COUNT:          22    THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS
```

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT Proteins
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(**polycystin 1**; PKD gene product-based **screening methods** for compds. useful for treatment of polycystic kidney disease)

L4 ANSWER 2 OF 4 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
ACCESSION NUMBER: 2002039294 EMBASE
TITLE: Novel mutations of PKD1 gene in Chinese patients with autosomal dominant polycystic kidney disease.
AUTHOR: Ding L.; Zhang S.; Qiu W.; Xiao C.; Wu S.; Zhang G.; Cheng L.; Zhang S.
CORPORATE SOURCE: Prof. S. Zhang, Department of Medical Genetics, West China Medical Center, Sichuan University, Chengdu 610041, China. szzhang@mcwcums.com
SOURCE: Nephrology Dialysis Transplantation, (2002) 17/1 (75-80). Refs: 39
ISSN: 0931-0509 CODEN: NDTREA
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 005 General Pathology and Pathological Anatomy
022 Human Genetics
028 Urology and Nephrology
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English
AB . . . China. The major gene responsible for ADPKD, PKD1, has been fully characterized and shown to encode an integral membrane protein, **polycystin 1**, which is thought to be involved in cell-cell and cell-matrix interaction. Until now. 82 mutations of PKD1 gene have been. . . American, and Asian populations. However, there has been no report on mutations of the PKD1 gene in a Chinese population. **Methods**. Eighty Chinese patients in 60 families with ADPKD were **screened** for mutations in the 3' region of the PKD1 gene using polymerase chain reaction-single-strand conformation polymorphism (PCR-SSCP) and DNA-sequencing techniques.. . .

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:507954 CAPLUS
DOCUMENT NUMBER: 135:87179
TITLE: Polycystin-based screening methods for compounds useful in the treatment of polycystic kidney disease
INVENTOR(S): Wilson, Patricia D.; Burrow, Christopher R.
PATENT ASSIGNEE(S): Mount Sinai School of Medicine of New York University, USA
SOURCE: PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001050130	A2	20010712	WO 2001-US317	20010105
WO 2001050130	A3	20020321		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6638726 B1 20031028 US 2000-689461 20001012

PRIORITY APPLN. INFO.: US 2000-478737 A 20000106

US 2000-689461 A 20001012

IT Proteins, specific or class

RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(**polycystin-1**-interacting; polycystin-based **screening methods** for compds. useful in treatment of polycystic kidney disease)

IT Phosphorylation, biological

(protein, of **polycystin-1**; polycystin-based **screening methods** for compds. useful in treatment of polycystic kidney disease)

IT Antibodies

RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(to **polycystin-1**; polycystin-based **screening methods** for compds. useful in treatment of polycystic kidney disease)

L4 ANSWER 4 OF 4 EMBASE
on STN

ACCESSION NUMBER: 1998005268 EMBASE

TITLE: Autosomal dominant polycystic kidney disease: Clinical and genetic aspects.

AUTHOR: Sessa A.; Ghiggeri G.M.; Turco A.E.

CORPORATE SOURCE: Dr. A. Sessa, UO Nefrologia e Dialisi, Via C. Battisti, 23, 20059 Vimercale, Italy

SOURCE: Journal of Nephrology, (1997) 10/6 (295-310).
Refs: 184
ISSN: 1121-8428 CODEN: JLNEEL

COUNTRY: Italy

DOCUMENT TYPE: Journal; General Review

FILE SEGMENT: 010 Obstetrics and Gynecology
022 Human Genetics
028 Urology and Nephrology

LANGUAGE: English

SUMMARY LANGUAGE: English

AB . . . in about 85% of patients; PKD2 (chromosome 4q13q23) in 10%; PKD3 (unknown chromosome) in a few families. PCR-based mutation detection **methods**, automated DNA sequencing, and other 'functional' **methods** are used to **screen** and analyse ADPKD patients.

It is not yet known whether the mutations identified so far in PKD1 and PKD2 inactivate the genes or generate an aberrant product. The products of PKD1 and PKD2 genes have been called **polycystin 1** and 2. Polycystins are members of a family of interactive proteins involved in complex adhesive cell-cell, cell-matrix, protein-protein, and protein-carbohydrate. . .

L Number	Hits	Search Text	DB	Time stamp
1	1	wilson-patricia-d.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/20 13:20
2	1	burrow-christopher-r.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/20 13:20
3	0	method same screen$8 same polycystin-1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/20 13:20
4	0	method same identi$8 same polycystin-1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/20 13:21
5	21	polycystin-1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/20 13:21